

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/051027

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B7/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 215 669 A (MATSUSHITA ELECTRIC IND CO LTD) 19 June 2002 (2002-06-19)	1-5,7
Y	paragraphs '0028! - '0048!; figure 4	6
Y	US 6 449 241 B1 (KO JUNG-WAN ET AL) 10 September 2002 (2002-09-10) column 6, line 10 - column 7, line 3	6
X	US 6 574 174 B1 (NISHIMURA SHUNICHI ET AL) 3 June 2003 (2003-06-03) column 20, line 41 - column 21, line 10	1
X	US 5 586 107 A (ROSEN HAL J ET AL) 17 December 1996 (1996-12-17) column 3, line 60 - column 5, line 50	1
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

29 September 2004

Date of mailing of the international search report

08/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Stemmer, M

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/051027

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99/23649 A (GLUSHKO BORIS ; OMD DEVICES L L C (US); LEVICH EUGENE B (US)) 14 May 1999 (1999-05-14) page 3, line 4 - page 4, line 9 -----	1
A	US 2002/132082 A1 (HENDRIKS BERNARDUS HENDRIKUS W) 19 September 2002 (2002-09-19) the whole document -----	1
A	EP 1 067 535 A (PIONEER CORP) 10 January 2001 (2001-01-10) paragraphs '0012! - '0024! -----	3

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/051027

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1215669	A	19-06-2002	CN 1365108 A	21-08-2002
			EP 1215669 A2	19-06-2002
			JP 2002251778 A	06-09-2002
			TW 561475 B	11-11-2003
			US 2002122366 A1	05-09-2002
US 6449241	B1	10-09-2002	NONE	
US 6574174	B1	03-06-2003	AU 5699101 A	23-10-2001
			EP 1281175 A2	05-02-2003
			WO 0178068 A2	18-10-2001
			WO 0180229 A2	25-10-2001
			US 2002041564 A1	11-04-2002
US 5586107	A	17-12-1996	US 5598398 A	28-01-1997
			US 5446723 A	29-08-1995
			US 5255262 A	19-10-1993
			BR 9202061 A	02-02-1993
			CA 2066004 A1	05-12-1992
			CA 2271540 C	30-11-1999
			CA 2271541 C	30-11-1999
			CA 2271542 C	30-11-1999
			CA 2271543 C	30-11-1999
			CN 1319838 A	31-10-2001
			CN 1319839 A	31-10-2001
			CN 1067521 A , B	30-12-1992
			CN 1090081 A , B	27-07-1994
			CN 1114770 A , B	10-01-1996
			CN 1120717 A , B	17-04-1996
			CN 1120718 A , B	17-04-1996
			CN 1230747 A	06-10-1999
			CN 1221179 A , C	30-06-1999
			CN 1239280 A	22-12-1999
			CN 1239281 A	22-12-1999
			CN 1239282 A	22-12-1999
			DE 69221776 D1	02-10-1997
			DE 69221776 T2	26-02-1998
			DE 69230297 D1	16-12-1999
			DE 69230297 T2	18-05-2000
			DE 69233251 D1	18-12-2003
			DE 69233251 T2	26-08-2004
			DE 69233265 D1	15-01-2004
			DE 69233265 T2	23-09-2004
			EP 1030293 A2	23-08-2000
			EP 1304688 A2	23-04-2003
			EP 0517490 A2	09-12-1992
			EP 0773541 A2	14-05-1997
			EP 0773542 A2	14-05-1997
			HK 1008704 A1	20-02-2004
			HK 1008705 A1	21-07-2000
			JP 3066677 B2	17-07-2000
			JP 5151644 A	18-06-1993
			JP 3246595 B2	15-01-2002
			JP 9120580 A	06-05-1997
			JP 2986093 B2	06-12-1999
			JP 9120554 A	06-05-1997
			JP 3216793 B2	09-10-2001
			JP 9120555 A	06-05-1997

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/051027

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5586107	A		JP 3221653 B2	22-10-2001
			JP 9120581 A	06-05-1997
			JP 3216794 B2	09-10-2001
			JP 9120582 A	06-05-1997
			JP 3221654 B2	22-10-2001
			JP 9120552 A	06-05-1997
WO 9923649	A	14-05-1999	AU 9759498 A	24-05-1999
			WO 9923649 A1	14-05-1999
US 2002132082	A1	19-09-2002	BR 0109526 A	10-12-2002
			CA 2435652 A1	01-08-2002
			CN 1419693 T	21-05-2003
			CZ 20023193 A3	12-03-2003
			EP 1356467 A1	29-10-2003
			HU 0300546 A2	28-07-2003
			WO 02059890 A1	01-08-2002
			JP 2004518240 T	17-06-2004
			ZA 200207649 A	23-09-2003
EP 1067535	A	10-01-2001	JP 2001023237 A	26-01-2001
			EP 1067535 A2	10-01-2001

PCT REQUEST

Print Out (Original in Electronic Form)

VIII-2-1	Declaration: Entitlement to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate: Name (LAST, First)	in relation to this international application KONINKLIJKE PHILIPS ELECTRONICS N.V. is entitled to apply for and be granted a patent by virtue of the following:
VIII-2-1(i)		KONINKLIJKE PHILIPS ELECTRONICS N.V. is entitled as employer of the inventor, MIJIRITSKII, Andrei
VIII-2-1(i)x)	This declaration is made for the purposes of:	all designations except the designation of the United States of America